

### Abstract

Mucus can be removed from cell surfaces so as to enable immunochemical labeling by bringing a cell treatment solution containing cysteine and/or a compound derived therefrom in an amount of 5 mass% or more into contact with a cell specimen containing mucus producing cells, such as uterine cervix cells. The cell preservative solution or an aqueous solution containing 30 to 60 mass% alcohol and 5 mass% or more cysteine and/or a compound derived therefrom can store cells while maintaining the state of cell dispersion without any effect on cell morphology during the period from specimen collection to analysis.